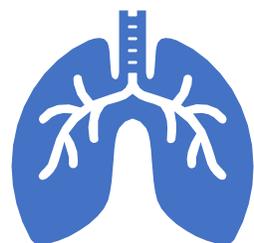




奇美醫療
財團法人

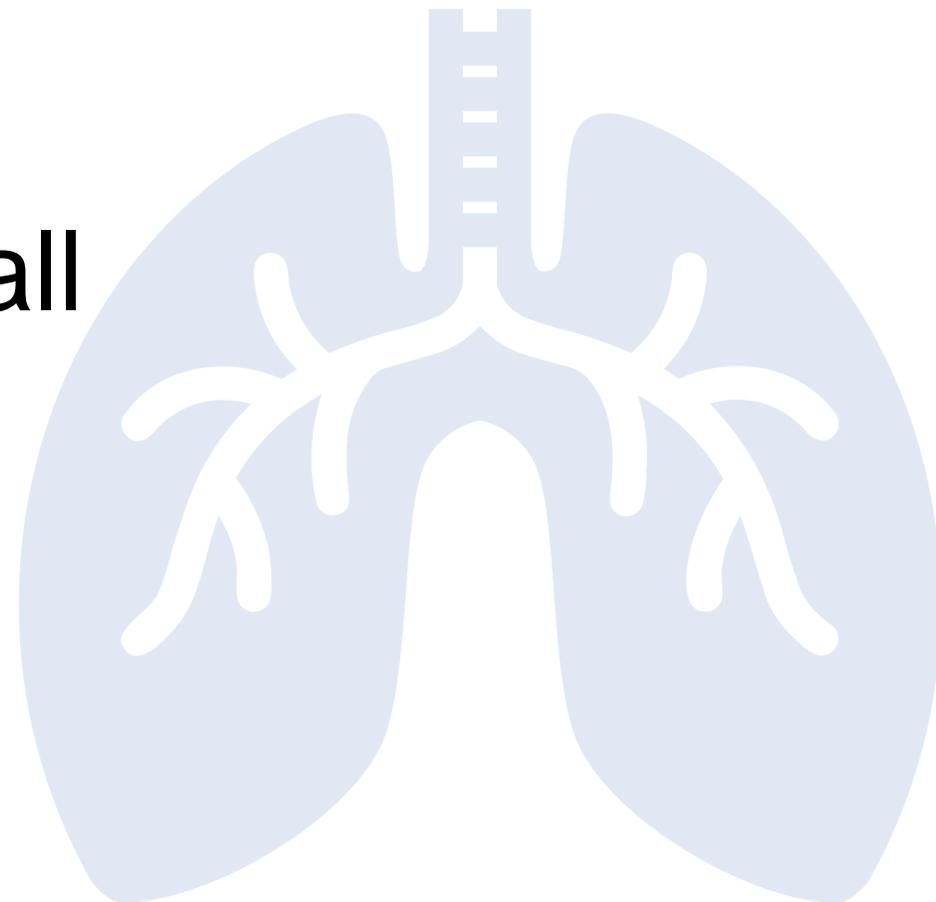
奇美醫院

Chi Mei Medical Center



Percutaneous Localization of Small Lung Nodules 奇美經驗

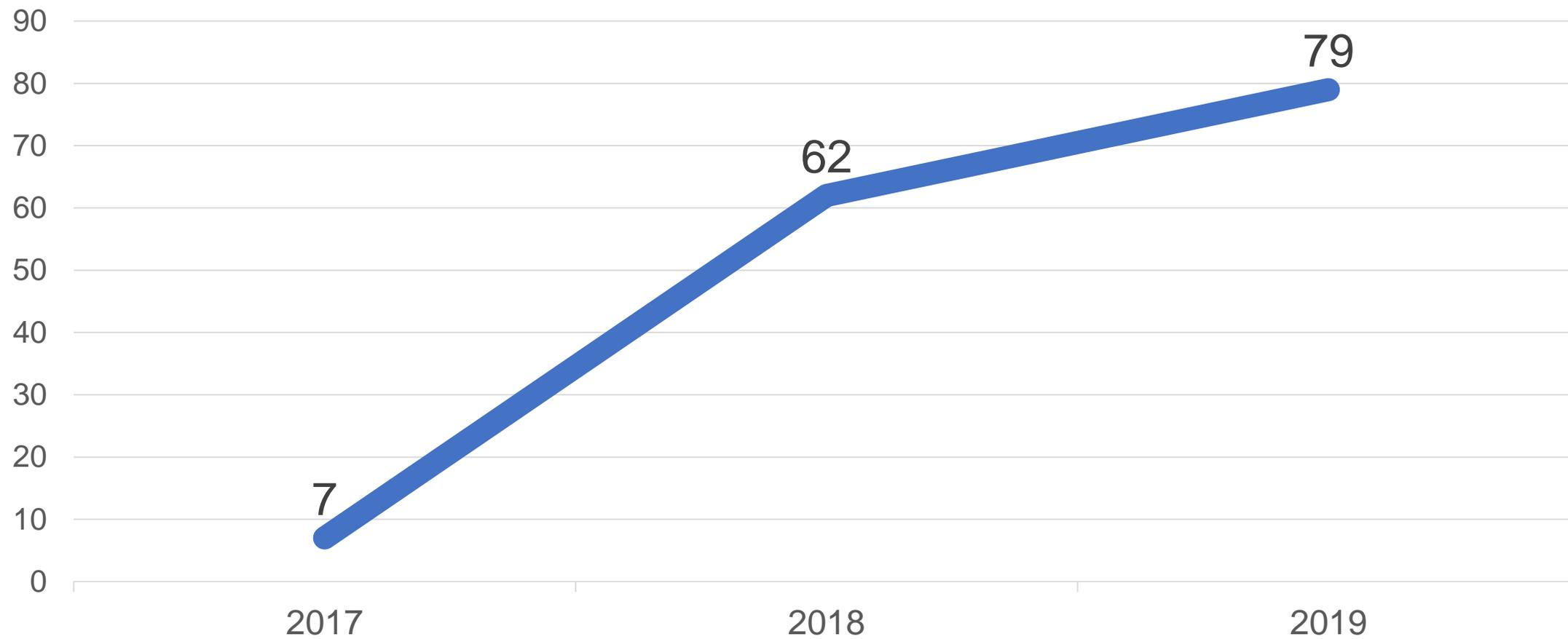
蘇英傑 陳照坤 馮瑤



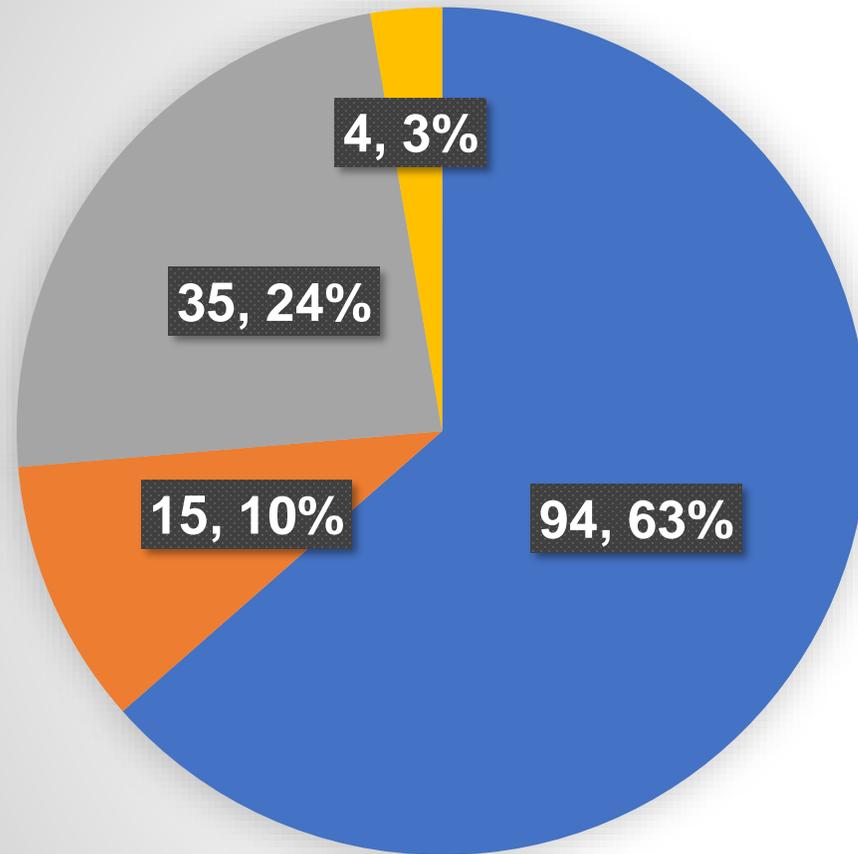


臨床統計

病例數

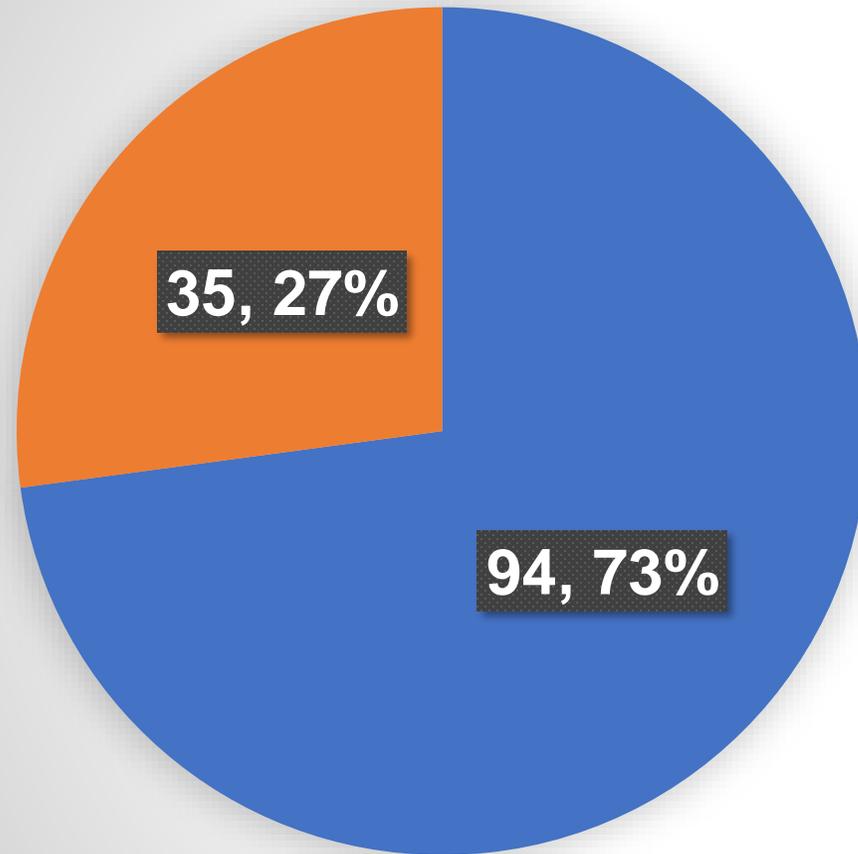


各種結節病理性質占比



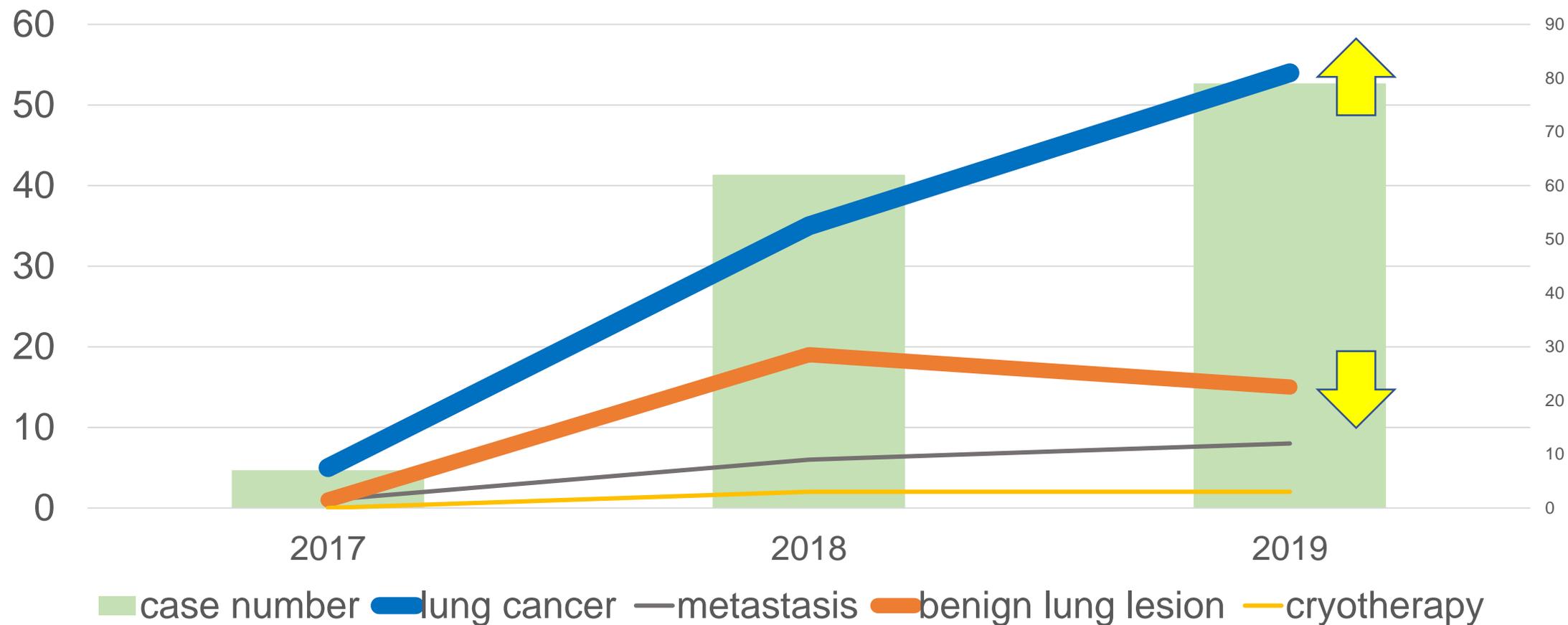
- lung cancer
- metastasis
- benign lung lesion
- cryotherapy

未知肺結節術後良性與惡性比例

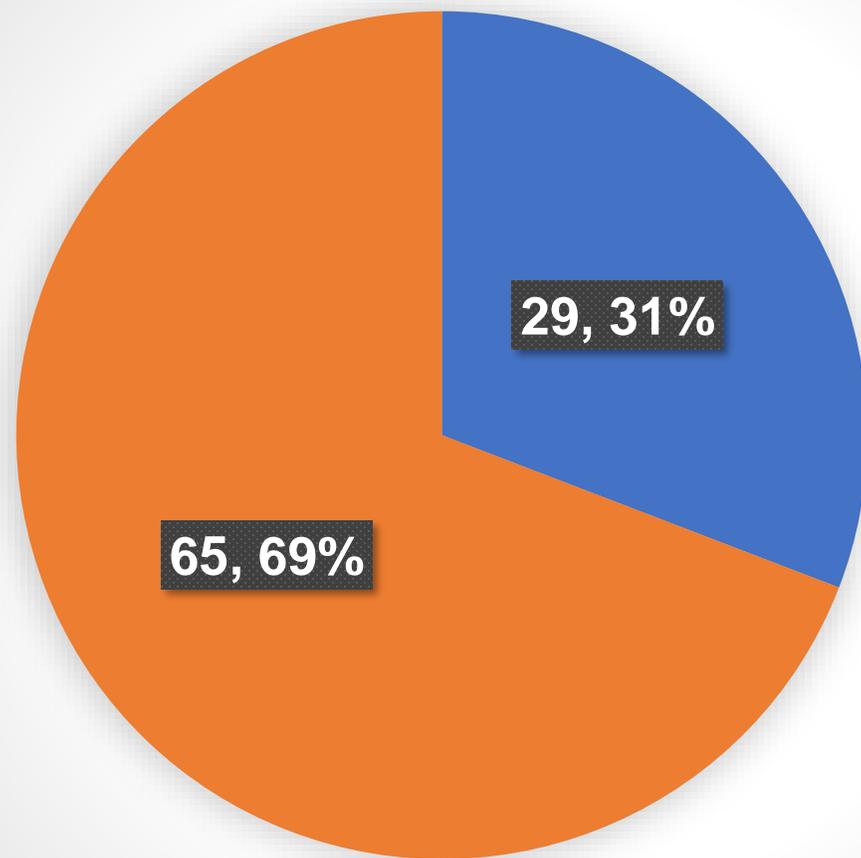


- lung cancer
- benign lung lesion

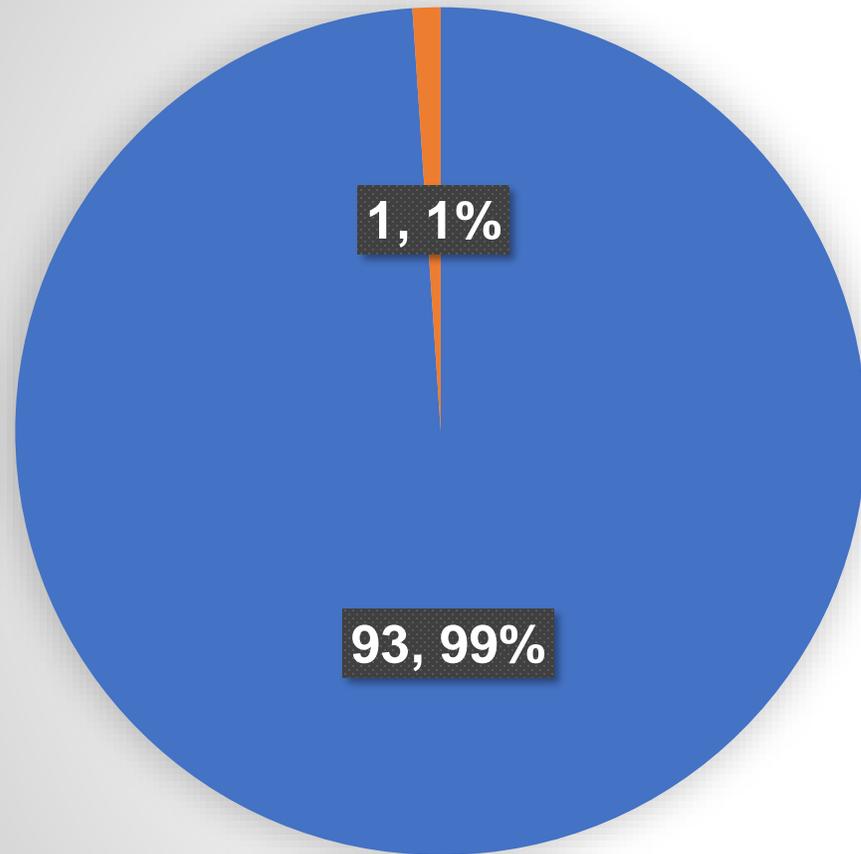
各種結節性質年度數量趨勢



癌症男女比例

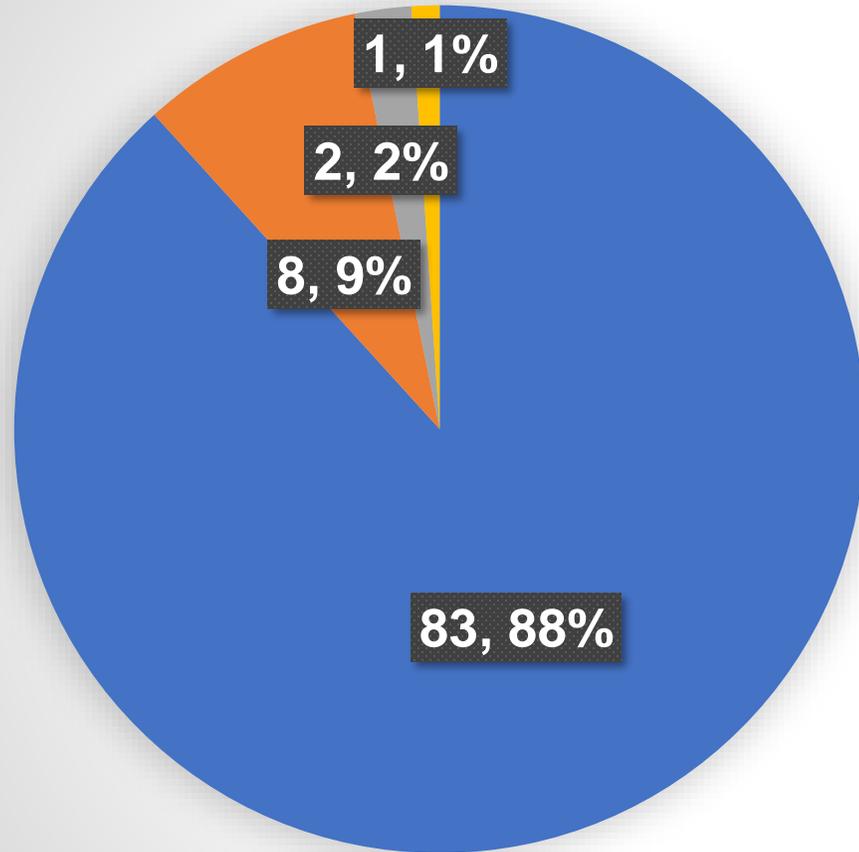


原發性肺癌性質占比



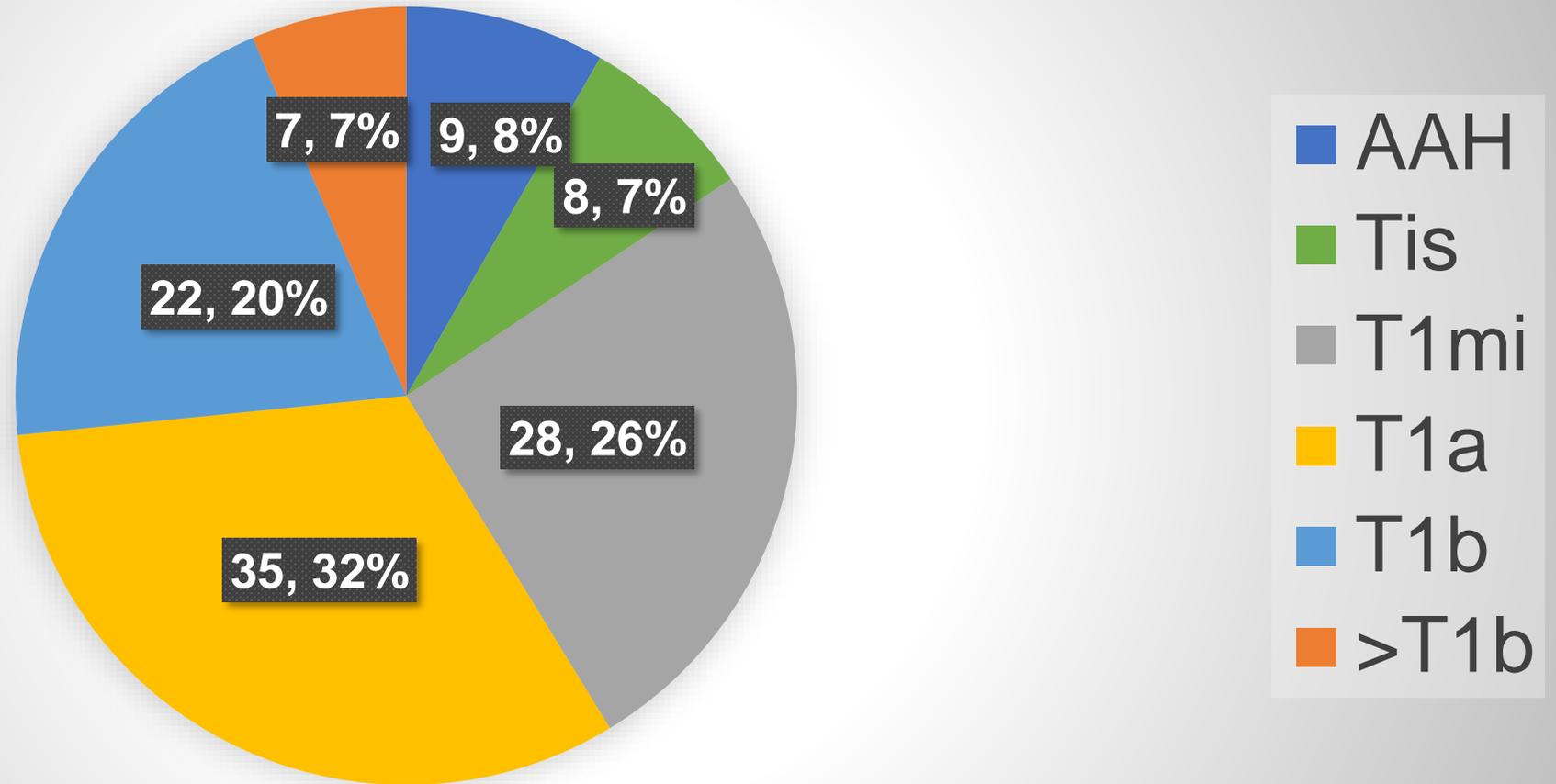
- Adenocarcinoma
- SCC

原發性肺癌單發與多發占比

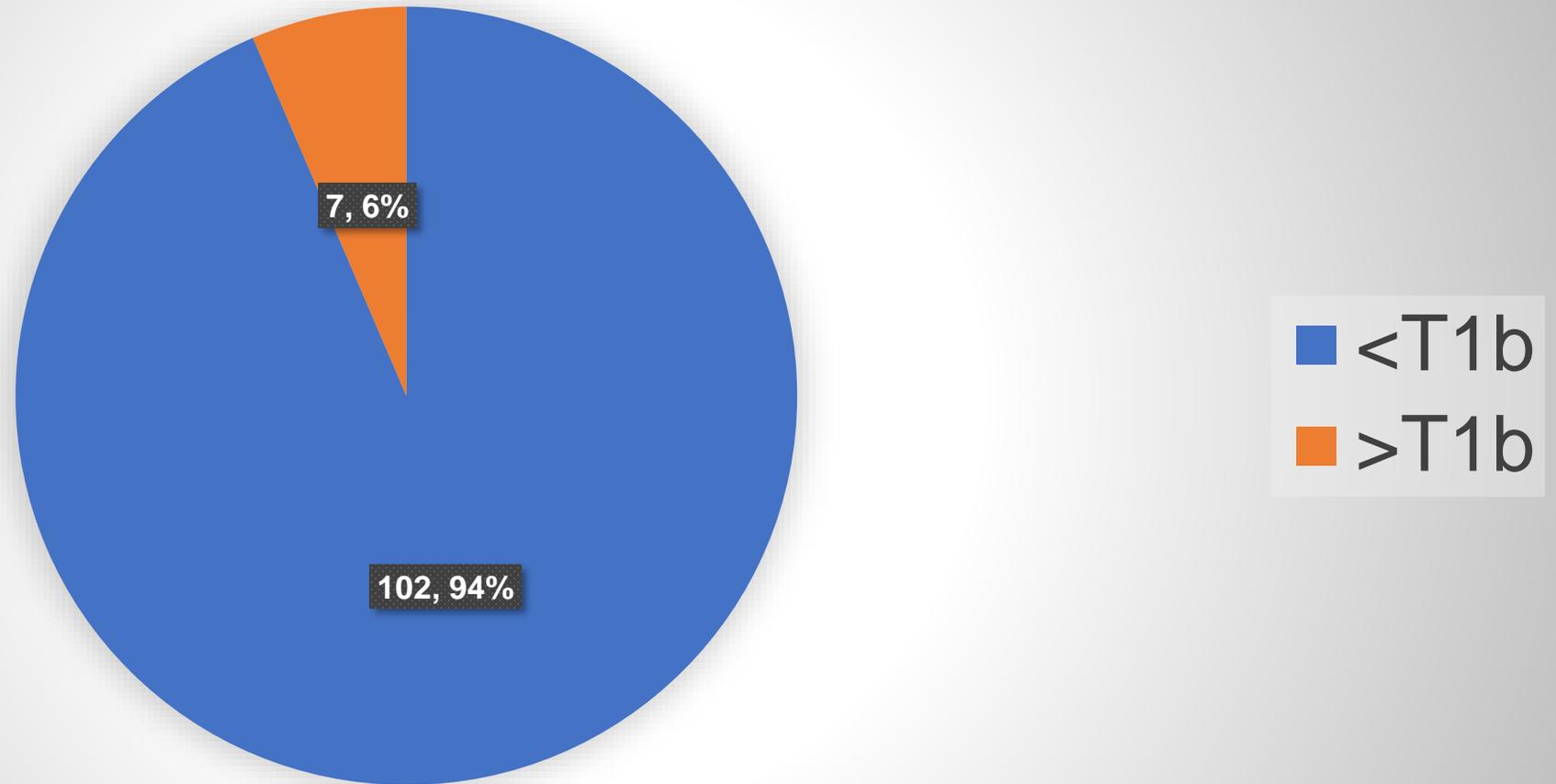


- single lesion
- 2 lesions
- 3 lesions
- 4 lesions

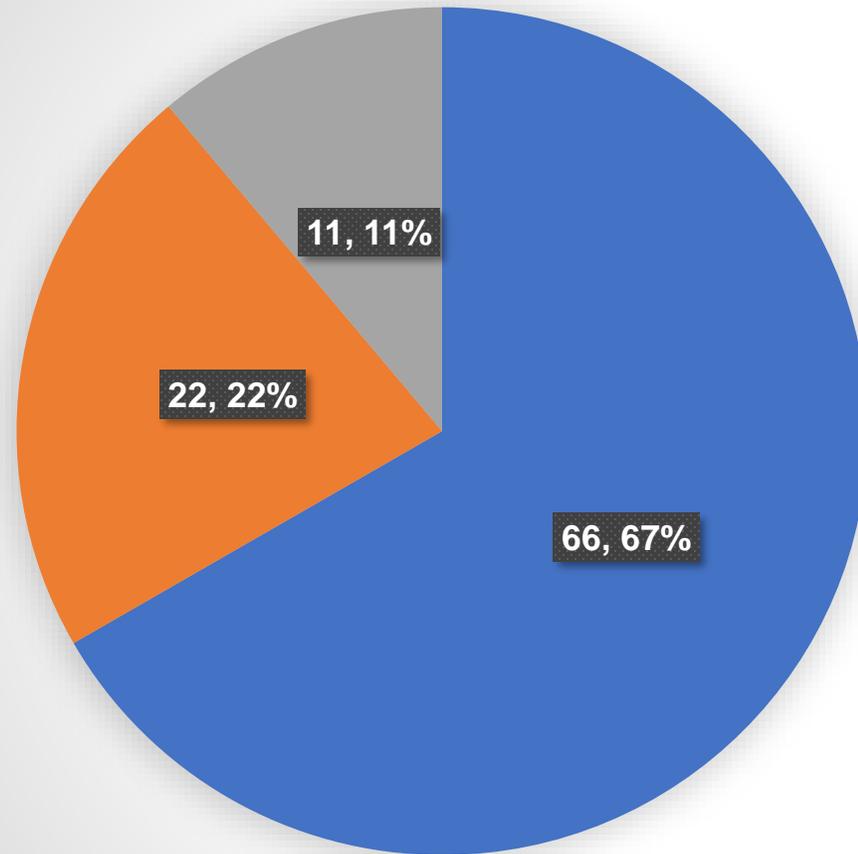
原發性肺癌分期占比



原發性肺癌早晚期占比



手術方式占比



- wedge resection
- segmentectomy
- lobectomy

Labeling Method

- ICG (Diagnogreen)
- Methyl Blue (Patent Blue)
- Hook Wire





手術技巧





Review and Processing

Viewing ?

Review volume(s) loaded from the patient browser

10/21/2019 CT-Chest

11/26/2019

9:46:29 AM	9:46:02 AM
9:38:28 AM	9:34:53 AM

Overlay

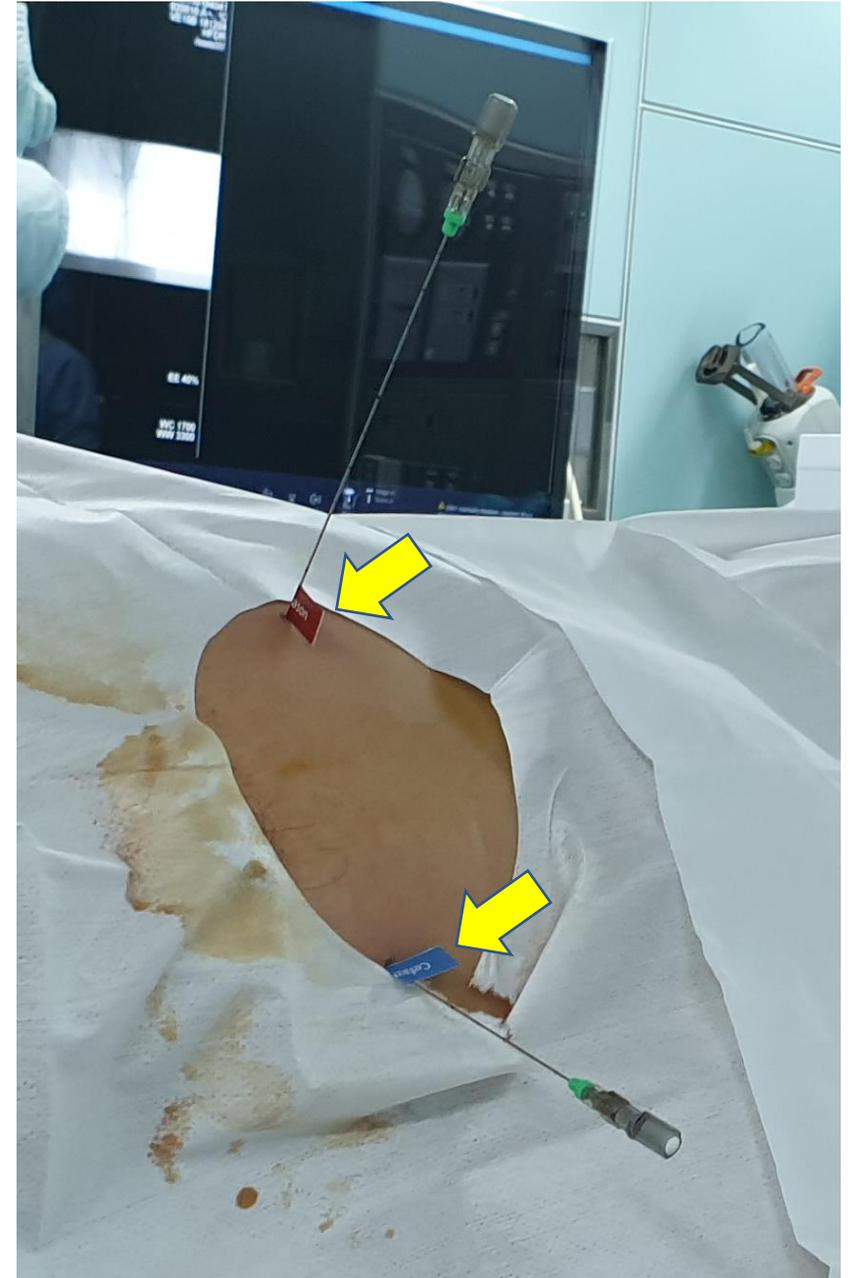
Volume Opacity 1.00

Image	Tools	Meas...	X-Ray
Measurement			
Graphics			
Annotation			
			more

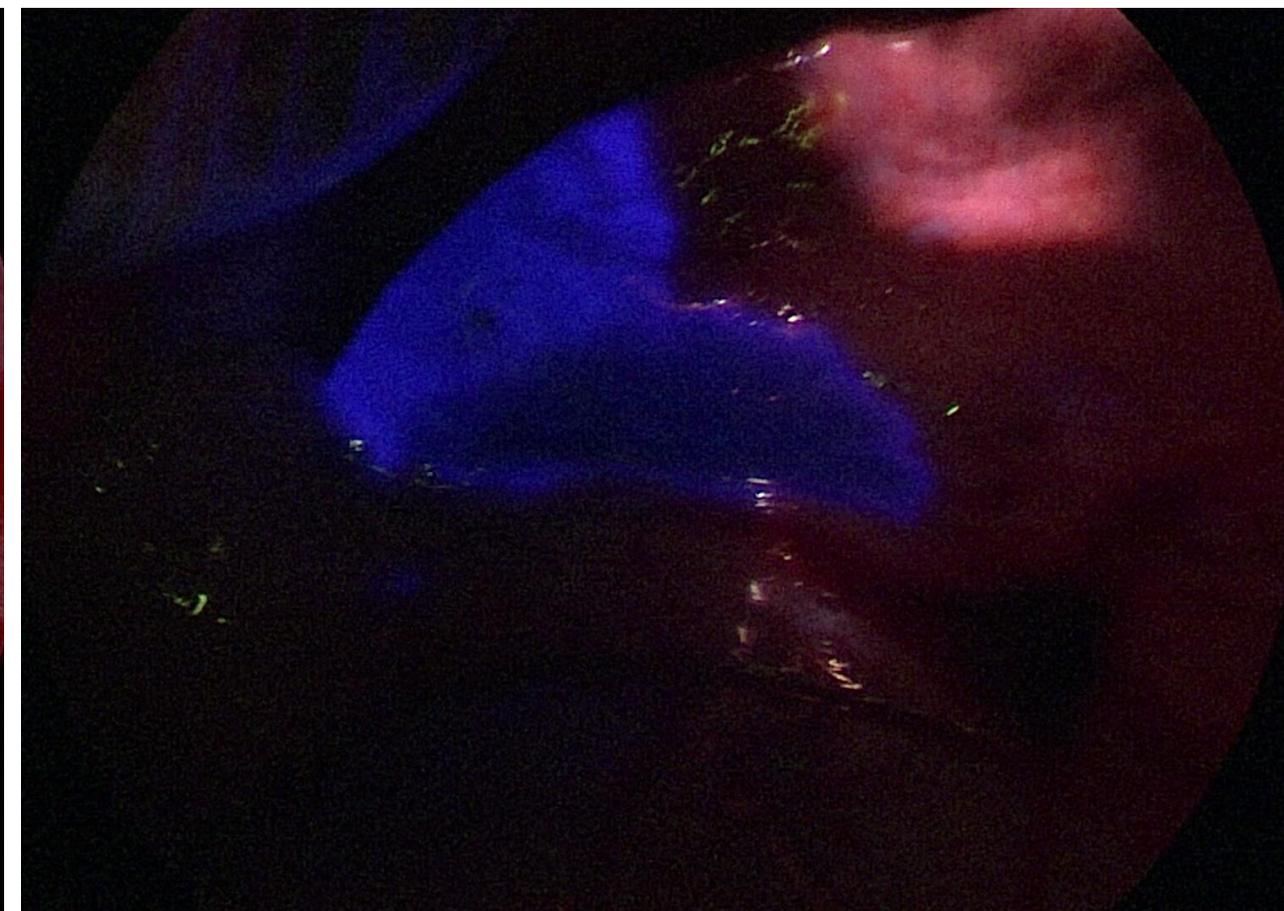
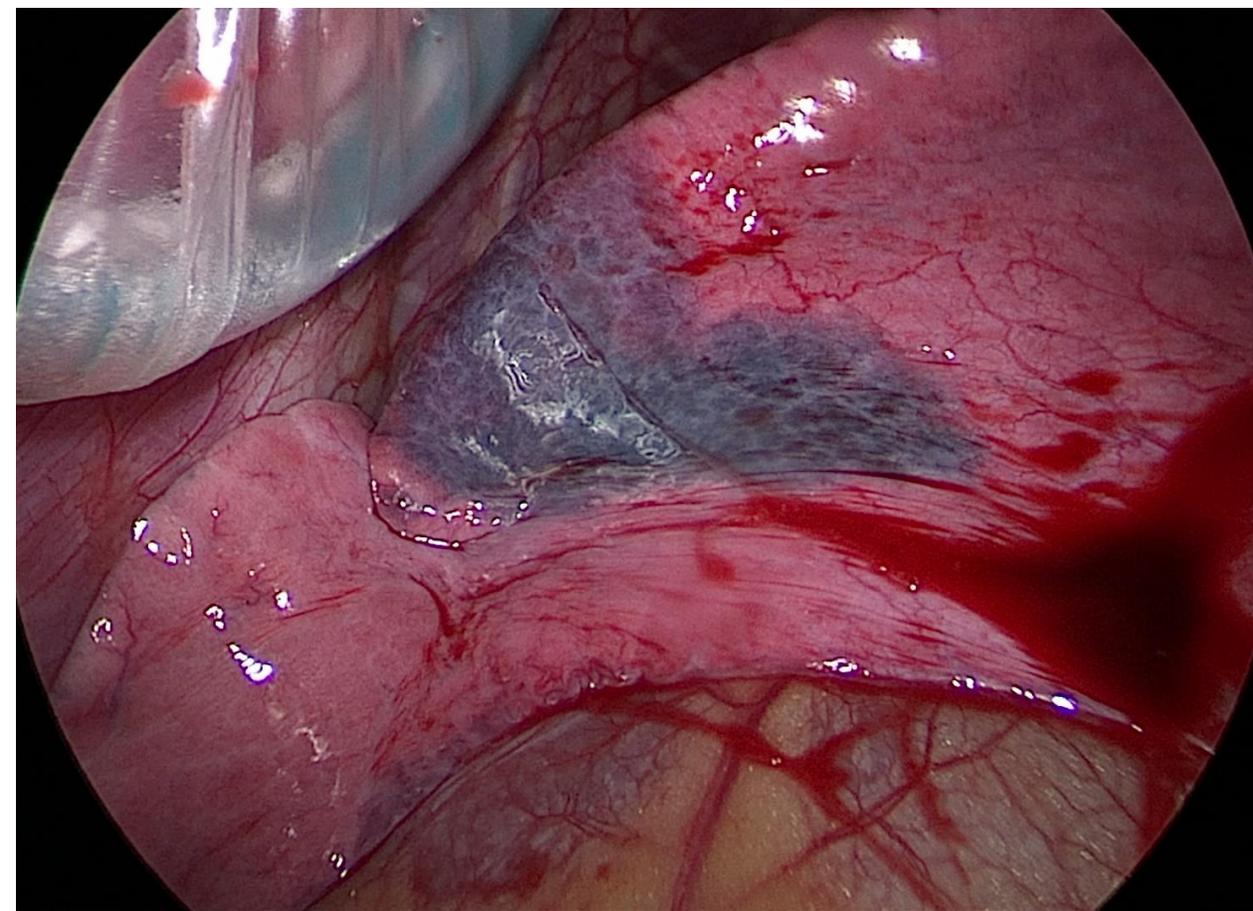
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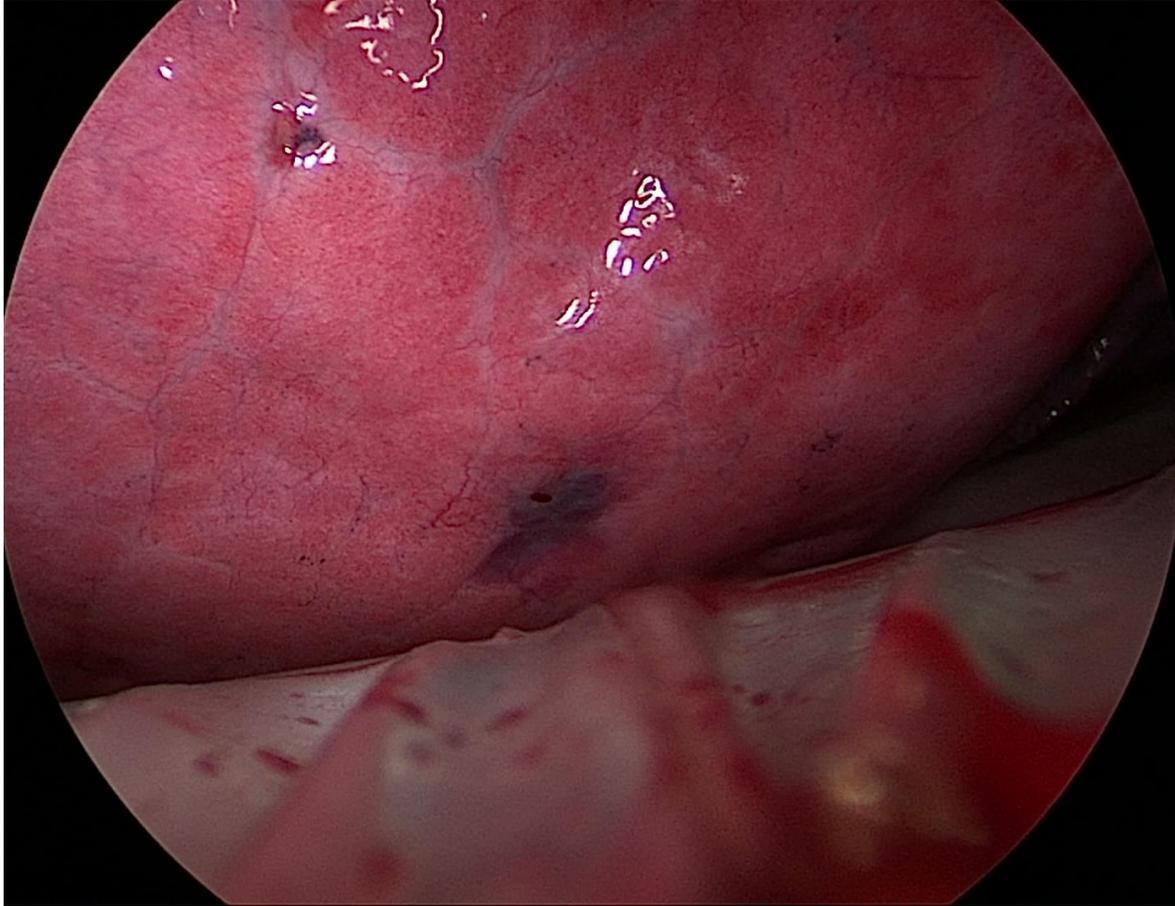
NO XRAY - Close door

扎針

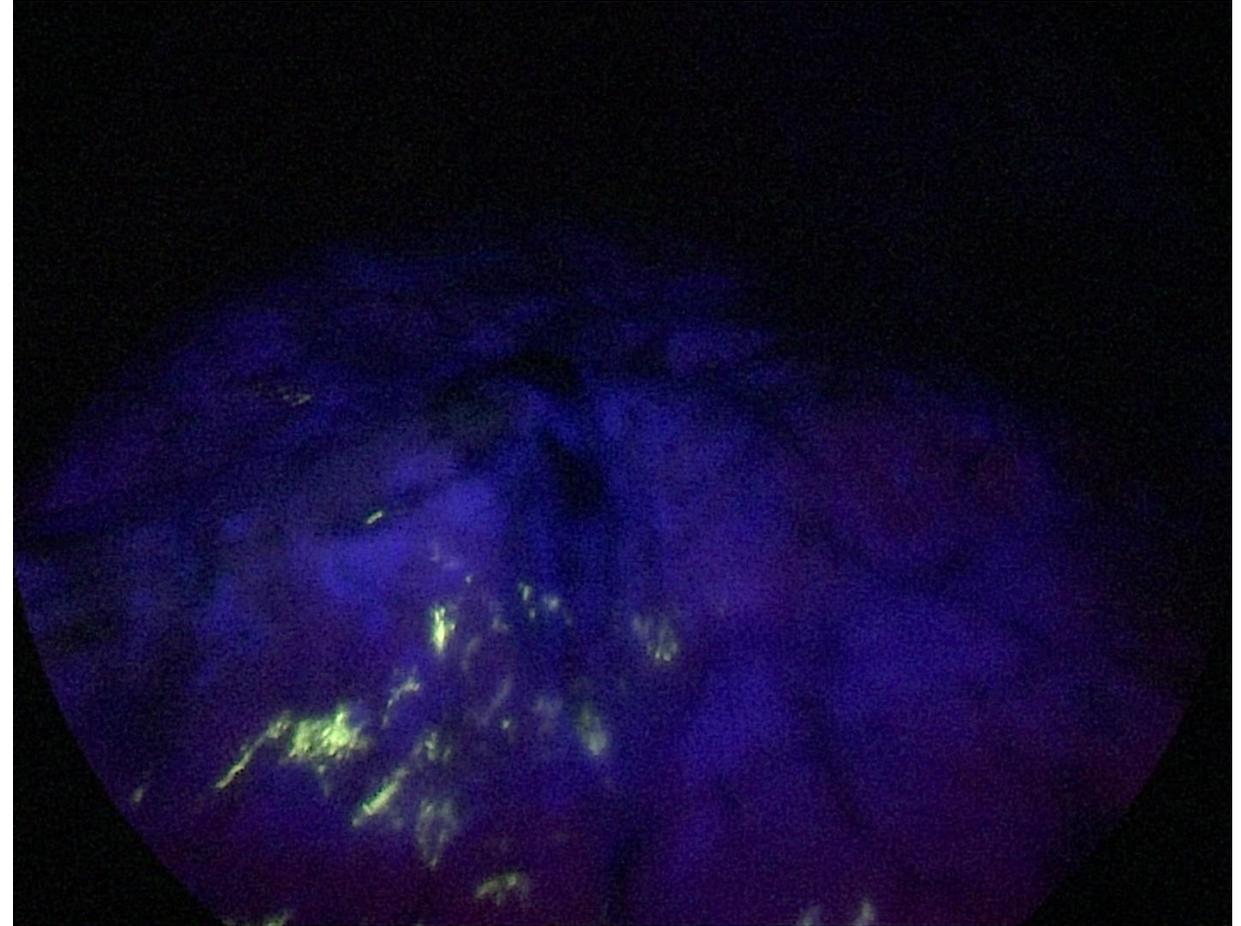
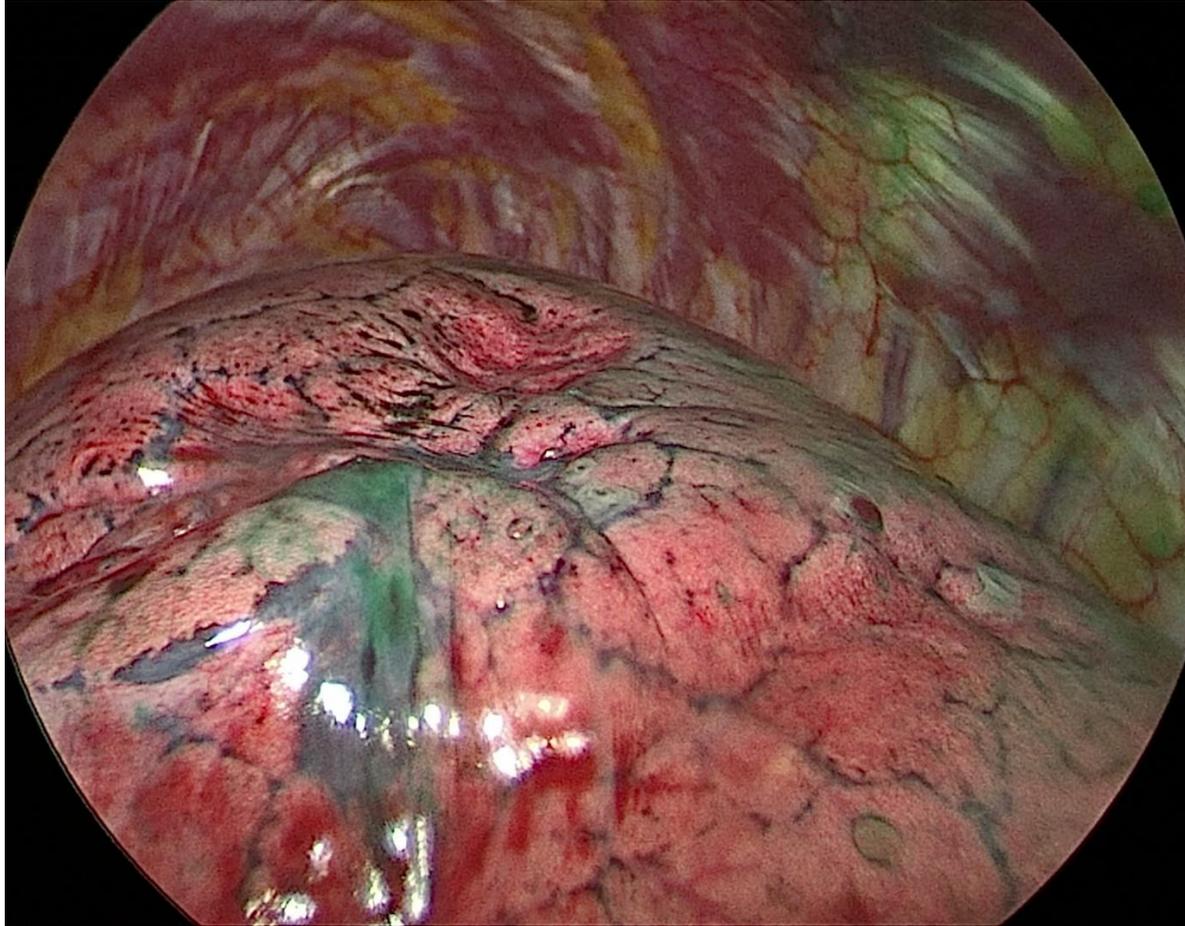


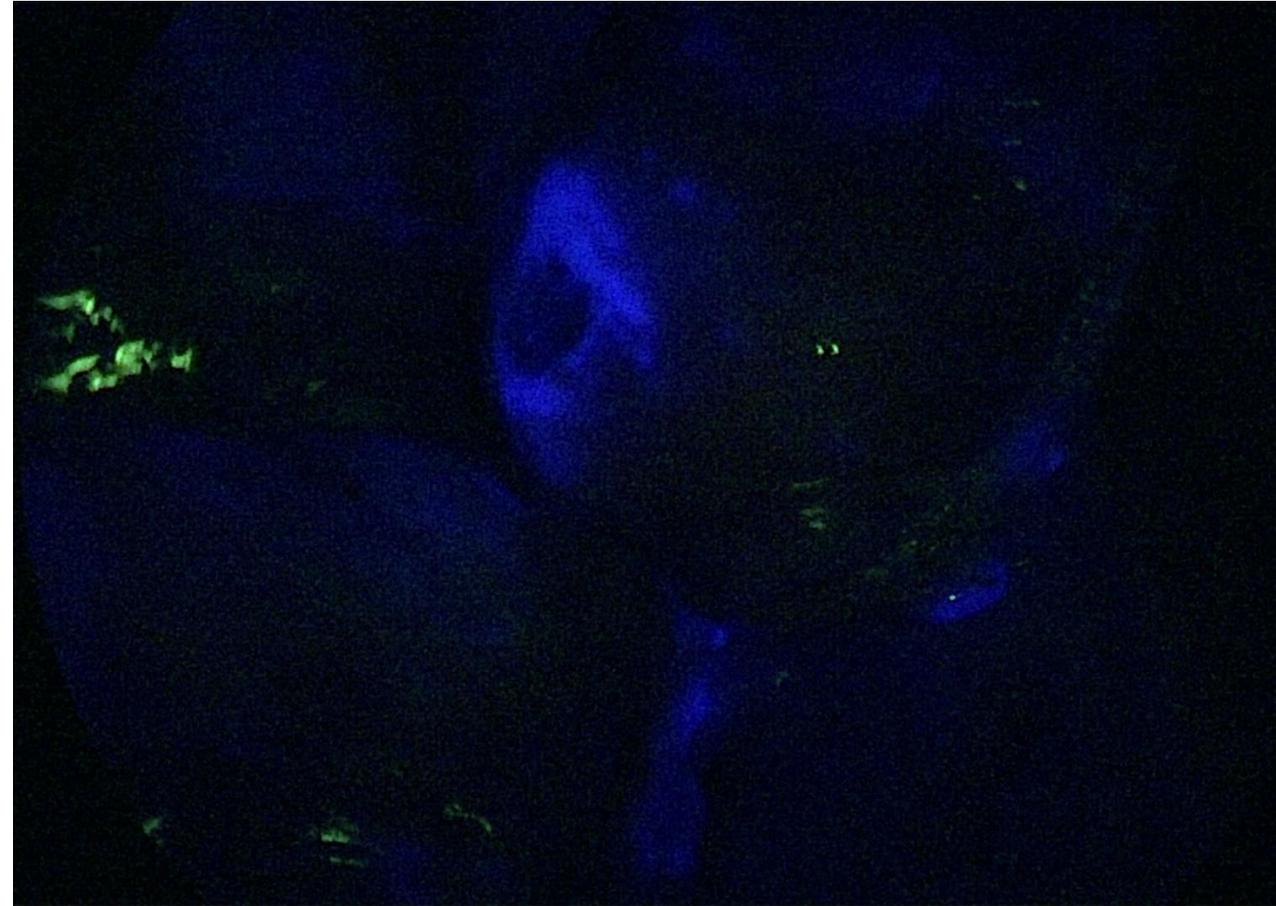
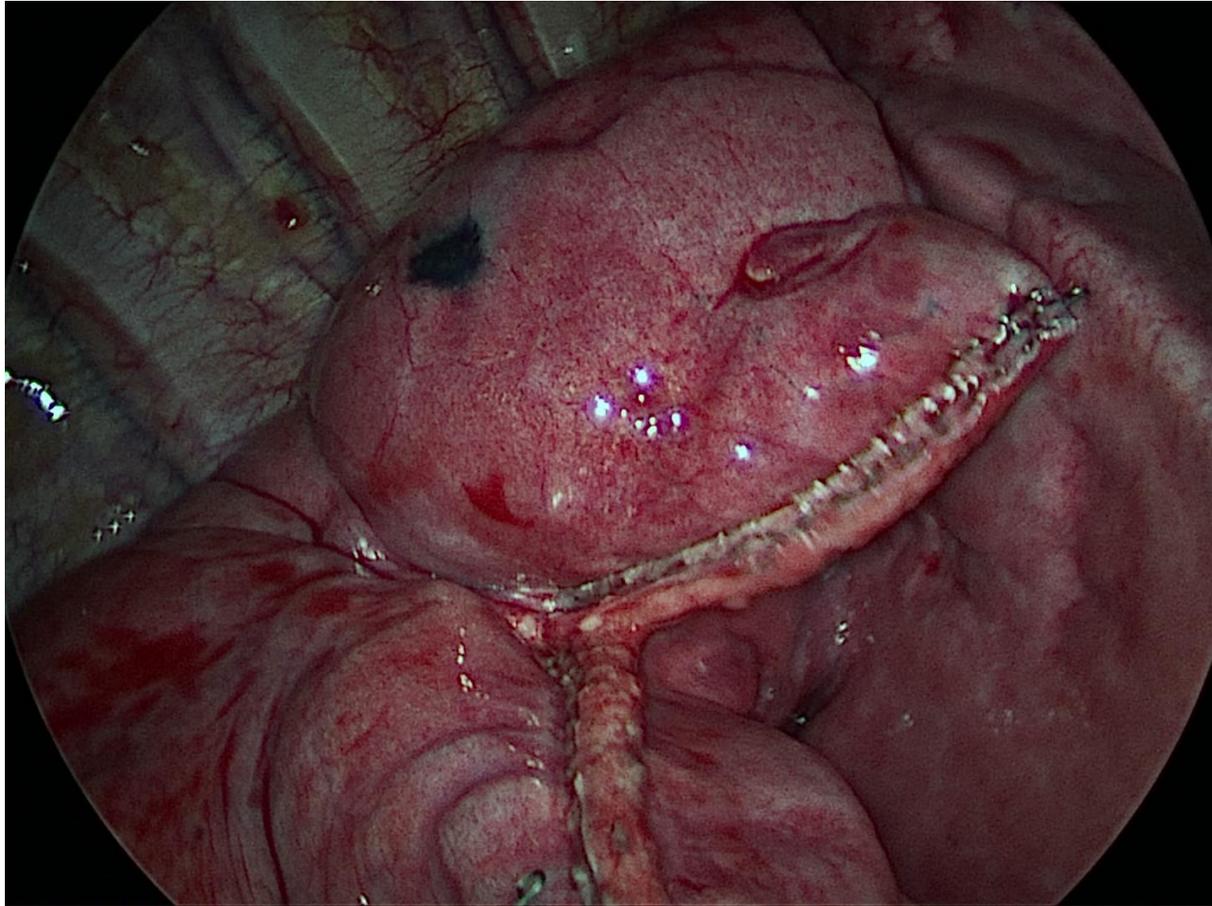
優良定位

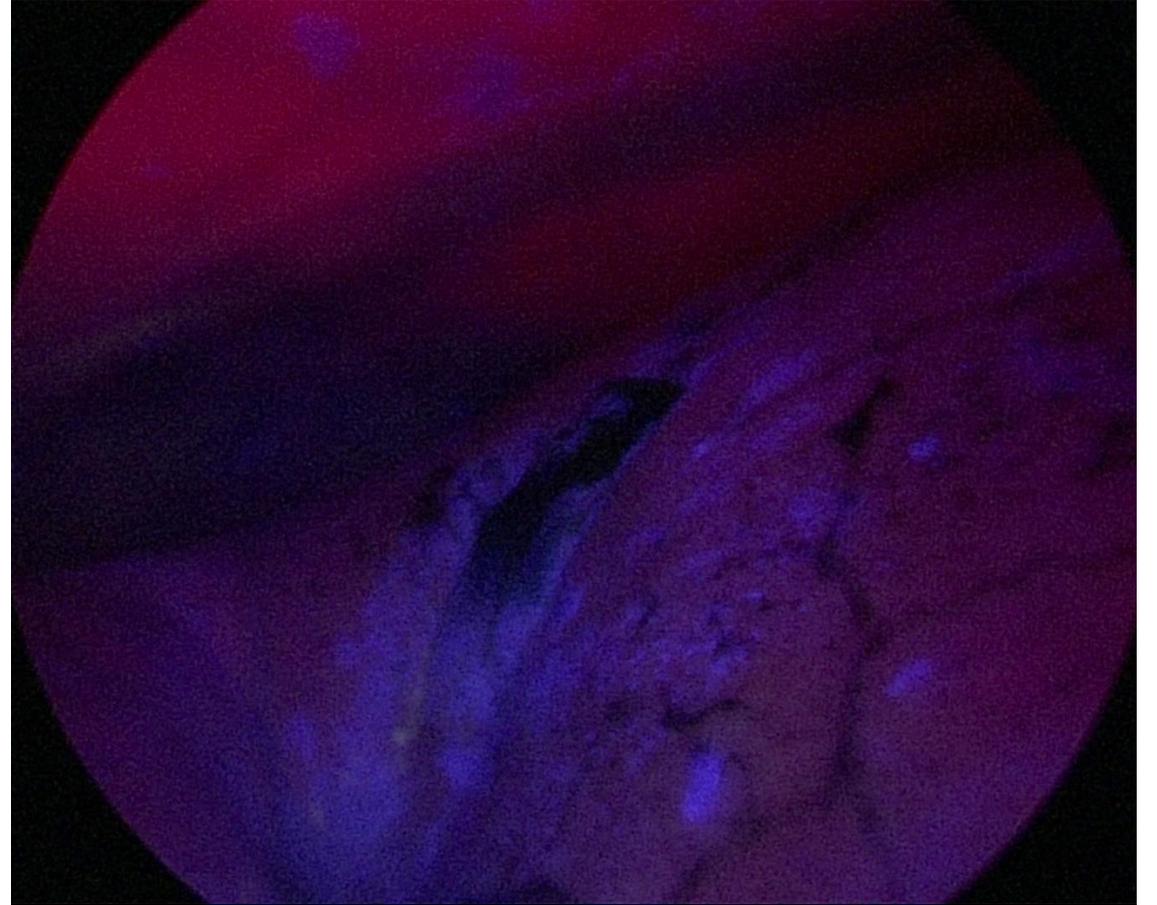
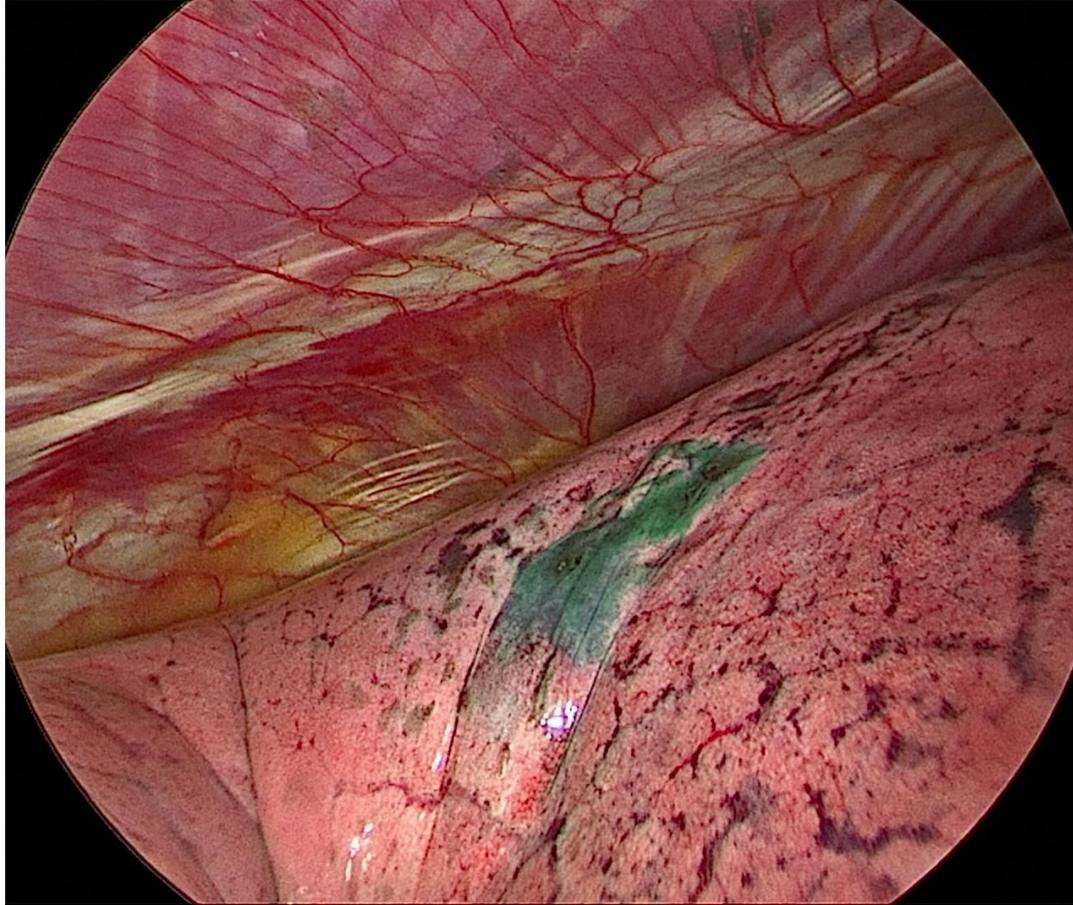


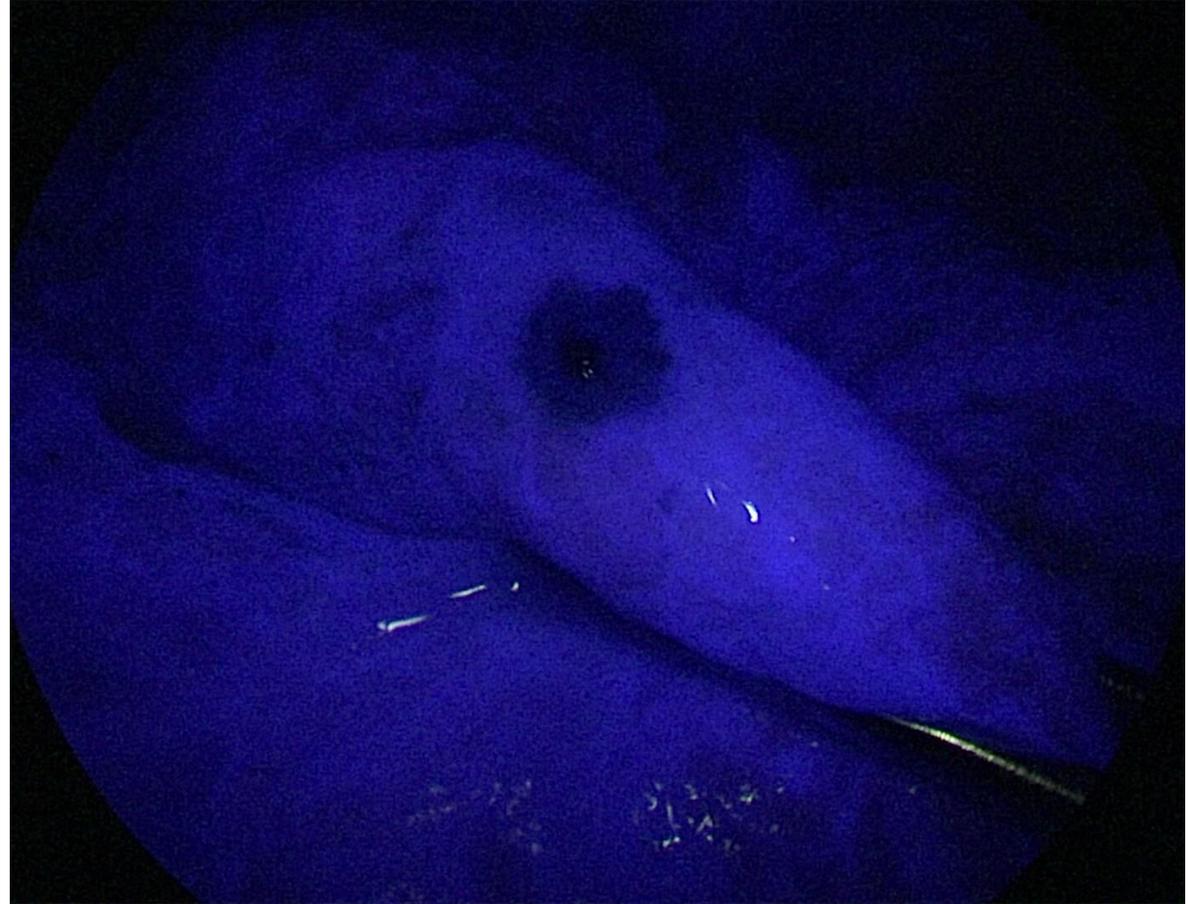
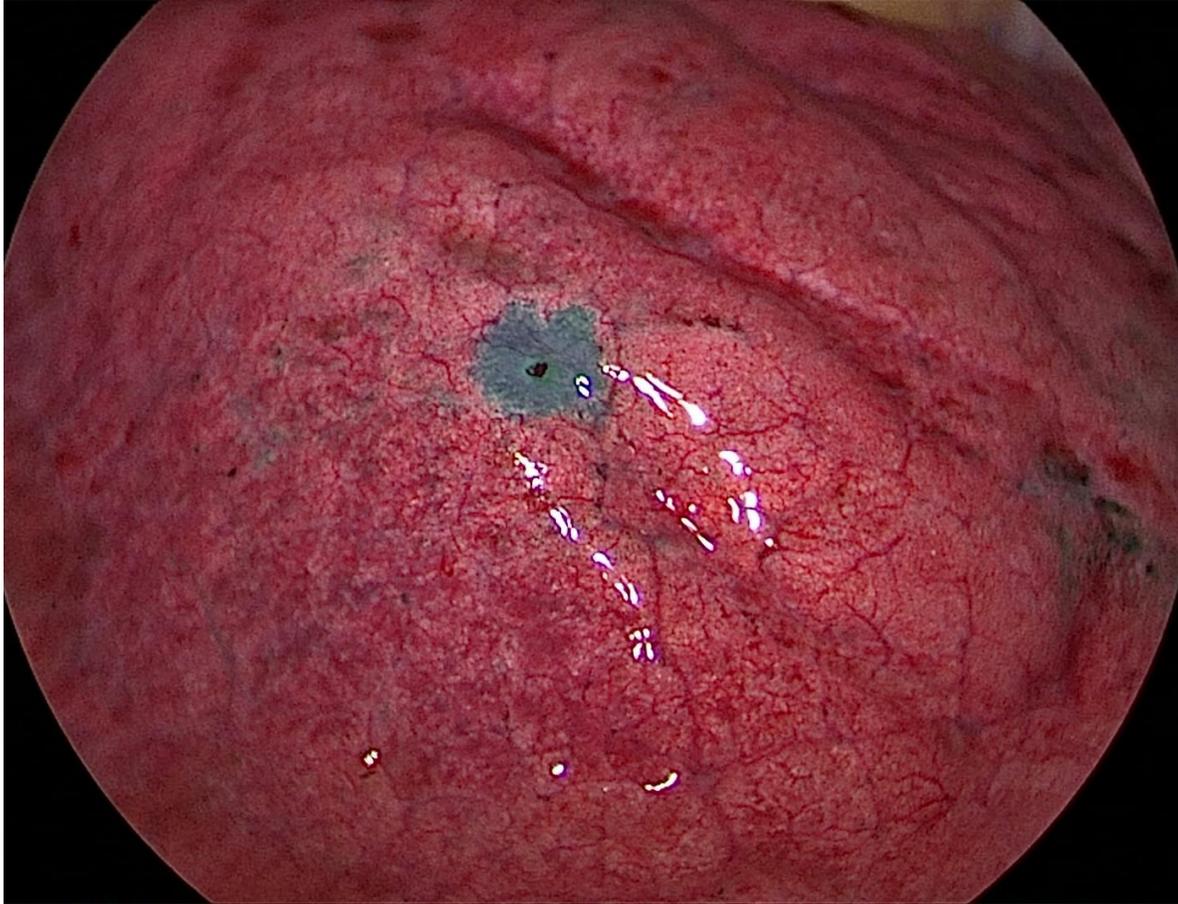


不良定位











定位心得

- 儘可能垂直入針
- 使用貼紙定深度
 - 扎針快速
 - 移動可見
- 打少不打多
 - 稀釋為10ml，主體處打0.2ml即可
- 打淺不打深
 - 定位只為定向及邊緣，深度相對不重要
- 抽針後最後一針要離肋膜一公分深，千萬不要打到肋膜腔裡